SEQUENCE LISTING

<110> Walke, D. Wade
     Turner, C. Alexander Jr.

<120> Novel Human Membrane Proteins and
  Polynucleotides Encoding the Same

<130> LEX-0109-USA

<150> US 60/171,567
<151> 1999-12-22

<160> 9

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<210> 1
<211> 603
<212> DNA
<213> Homo sapien

<400> 1

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aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctgtt tggaattatg     180
accttttctt ttggagttat cttccttttc accttgttaa aaccatatcc aaggtttccc     240
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc     300
ttcctaattg cagtgaaaag aaaaaccaca gaaactctga taatattgag ccgaataatg     360
aatcttctta gtgccctgag agcaatagct ggaatcattc tcctcacatt tggtttcatc     420
ctagatcaaa actacatttg tggttattct caccaaaata gtcagtgtaa ggctgttact     480
gtcctgttct tgggaatttt gattacattg atgactttca gcattattga attattcatt     540
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<210> 2
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<400> 2

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            20                  25                  30
Phe Ser Thr Gln Ser Pro Leu Gln Lys Leu Phe Ala Arg Lys Met Lys
        35                  40                  45
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe
    50                  55                  60
Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro
65                  70                  75                  80
Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile
                85                  90                  95
Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr
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                100                      105                     110
Leu Ile Ile Leu Ser Arg Ile Met Asn Leu Leu Ser Ala Leu Arg Ala
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Ile Ala Gly Ile Ile Leu Leu Thr Phe Gly Phe Ile Leu Asp Gln Asn
        130                     135                 140
Tyr Ile Cys Gly Tyr Ser His Gln Asn Ser Gln Cys Lys Ala Val Thr
145                     150                     155                 160
Val Leu Phe Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile
                165                     170                 175
Glu Leu Phe Ile Ser Leu Pro Phe Ser Ile Leu Gly Cys His Ser Glu
            180                     185                 190
Asp Cys Asp Cys Glu Gln Cys
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<210> 3
<211> 246
<212> DNA
<213> Homo sapien

<400> 3
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actgtcctgt tcttgggaat tttgattaca ttgatgactt tcagcattat tgaattattc     180
atttctctgc ctttctcaat tttggggtgc cactcagagg attgtgattg tgaacaatgt     240
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<210> 4
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<212> PRT
<213> Homo sapien

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Thr Phe Gly Phe Ile Leu Asp Gln Asn Tyr Ile Cys Gly Tyr Ser His
            20                  25                  30
Gln Asn Ser Gln Cys Lys Ala Val Thr Val Leu Phe Leu Gly Ile Leu
        35                  40                  45
Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe Ile Ser Leu Pro
    50                  55                  60
Phe Ser Ile Leu Gly Cys His Ser Glu Asp Cys Asp Cys Glu Gln Cys
65                  70                  75                  80
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<210> 5
<211> 417
<212> DNA
<213> Homo sapien

<400> 5
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aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctgtt tggaattatg     180
accttttctt ttggagttat cttccttttc accttgttaa aaccatatcc aaggtttccc     240
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc     300
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2

ttcctaattg cagtgaaaag aaaaaccaca gaaactctga tcaaaactac atttgtggtt   360
attctcacca aaatagtcag tgtaaggctg ttactgtcct gttcttggga attttga   417

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<212> PRT
<213> Homo sapien

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            20   25   30
Phe Ser Thr Gln Ser Pro Leu Gln Lys Leu Phe Ala Arg Lys Met Lys
        35   40   45
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe
    50   55   60
Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro
65   70   75   80
Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile
                85   90   95
Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr
            100   105   110
Leu Ile Lys Thr Thr Phe Val Val Ile Leu Thr Lys Ile Val Ser Val
        115   120   125
Arg Leu Leu Leu Ser Cys Ser Trp Glu Phe
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<212> DNA
<213> Homo sapien

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aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctgtt tggaattatg   180
acctttctt ttggagttat cttccttttc accttgttaa aaccatatcc aaggtttccc   240
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc   300
ttcctaattg cagtgaaaag aaaaaccaca gaaactctgg gaattttgat tacattgatg   360
actttcagca ttattgaatt attcatttct ctgcctttct caattttggg gtgccactca   420
gaggattgtg attgtgaaca atgttgttga   450

<210> 8
<211> 149
<212> PRT
<213> Homo sapien

<400> 8
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1   5   10   15
Glu Ile Thr Ala Ser Glu Tyr Glu Ser Thr Glu Leu Ser Ala Thr Thr
            20   25   30
Phe Ser Thr Gln Ser Pro Leu Gln Lys Leu Phe Ala Arg Lys Met Lys
        35   40   45
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe

3

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Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro
65                          70                          75                          80
Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile
                    85                          90                          95
Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr
                    100                         105                         110
Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe
                    115                         120                         125
Ile Ser Leu Pro Phe Ser Ile Leu Gly Cys His Ser Glu Asp Cys Asp
            130                         135                         140
Cys Glu Gln Cys Cys
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<211> 676
<212> DNA
<213> Homo sapien

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ccacgacctt ttcaactcaa agccccttgc aaaaattatt tgctagaaaa atgaaaatct     180
tagggactat ccagatcctg tttggaatta tgaccttttc ttttggagtt atcttccttt     240
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tgatgacttt cagcattatt gaattattca tttctctgcc tttctcaatt ttggggtgcc     600
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